

# MISSISSIPPI

## Science and Engineering Profile

	Mississippi	U.S.	Rank		Mississippi	U.S.	Rank
Doctoral scientists, 1993	2,453	430,332	36	Total R&D performance, 1993 (millions)	\$325	\$161,427	41
Doctoral engineers, 1993	533	81,293	33	Industry R&D, 1993 (millions)	\$52	\$117,622	46
S&E doctorates awarded, 1993	123	25,409	38	Academic R&D, 1993 (millions)	\$106	\$19,489	36
of which, in life sciences	37%	24%		of which, in life sciences	55%	55%	
in psychology	28%	13%		in engineering	18%	16%	
in physical sciences	15%	15%		in physical sciences	12%	11%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	83	34,394	38	expenditures, 1993 (millions)	\$1,219	\$163,994	35
S&E graduate students, 1993				Number of SBIR awards, 1990-93	13	13,995	43
in doctorate-granting institutions	3,027	438,128	35	Patents issued to state residents, 1994	117	56,039	44
Population, 1994 (000s)	2,669	260,341	31	Gross state product, 1992 (billions)	\$44.3	\$5,994.1	32
Civilian labor force, 1994 (000s)	1,255	131,013	32	of which, agriculture	3%	2%	
Personal income per capita, 1994	\$15,838	\$21,809	51	manufacturing, mining, construction	29%	23%	
Federal spending				transportation, communication, utilities	12%	9%	
Total expenditures 1994 (millions)	\$14,072	\$1,284,896	30	wholesale and retail trade	15%	16%	
R&D obligations 1993 (millions)	\$260	\$65,394	31	finance, insurance, real estate	14%	18%	
				services	12%	20%	
				government	14%	12%	

Rankings and totals are based on data for the 50 States and D.C.

## Federal Obligations for Research and Development in Mississippi by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	259,827	162,622	0	46,164	45,538	3,828	1,675	31
<b>Department of Agriculture</b>	48,428	34,155	0	3	13,407	839	24	6
<b>Department of Commerce</b>	4,302	2,522	0	1,295	485	0	0	23
<b>Department of Defense</b>	120,156	99,128	0	14,076	6,603	349	0	28
<b>Department of Energy</b>	24,173	192	0	17,144	6,837	0	0	23
<b>Dept. of Health &amp; Human Services</b>	12,871	0	0	50	11,513	500	808	44
<b>Department of the Interior</b>	8,485	7,680	0	0	805	0	0	23
<b>Department of Transportation</b>	968	125	0	0	0	0	843	42
<b>Environmental Protection Agency</b>	460	0	0	0	460	0	0	40
<b>Nat'l Aeronautics &amp; Space Admin.</b>	35,779	18,711	0	13,596	1,504	1,968	0	15
<b>National Science Foundation</b>	4,205	109	0	0	3,924	172	0	46
<b>State rank</b>	31	17	na	30	37	35	36	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.